

IN THE CLAIMS

Claim 1 (Amended) A washer system for an automotive vehicle, comprising:
a first reservoir containing a freezable fluid;
a second reservoir containing freeze-resistant fluid;
a mixer for combining fluids from the first and second reservoirs; [and]
a fluid distribution system, operatively associated with said mixer, for consuming all of the fluid passing through the mixer, at the time the fluid is mixed; and
a controller, operatively connected with the mixer, for determining a relative proportion for combining the fluids from said first and second reservoirs.

Claim 2 (Original): An automotive washer system according to Claim 1, further comprising a temperature sensor operatively connected with said controller, with said controller determining said relative proportion based at least in part upon an output from said sensor.

Claim 3 (Original): An automotive washer system according to Claim 2, wherein said controller further comprises a memory for storing values corresponding to said relative proportion and to the temperature output of said sensor.

Claim 4 (Original): An automotive washer system according to Claim 2, wherein said controller further comprises a memory for storing values corresponding to said relative proportion and to the temperature output of said sensor.

Claim 5 (Amended) An automotive washer system according to Claim 1, further comprising a temperature sensor operatively connected with said controller [and a fluid distribution system operatively associated with said mixer,] with said fluid distribution system having a heater operated by the controller according to at least the output of said sensor.

Claim 6 (Amended) A temperature adaptive automotive washer system comprising:

a first reservoir containing a freezable fluid;
a second reservoir containing a freeze-resistant fluid;
a mixer for combining fluids from the first and second reservoirs;
a fluid distribution system operatively associated with said mixer, with said fluid

distribution system consuming all of the combined fluid at the time the fluid is combined;
a heater for increasing the temperature of at least a portion of said fluid distribution system;
a temperature sensor for measuring a temperature of at least a portion of said washer system; and
a controller, operatively connected with the mixer, the temperature sensor, and the heater, with said controller determining a relative proportion for combining the fluids from said first and second reservoirs and operating the heater, as a function of at least the temperature measured by the temperature sensor.

Claim 7 (Original): An automotive washer system according to Claim 6, wherein said controller comprises a memory for storing a temperature value corresponding to the temperature of at least a portion of the fluid distribution system and the mixer each time fluid passes through the fluid distribution system, with said controller operating the heater as a function of at least a previously stored value of said temperature.

Claim 8 (Original): An automotive washer system according to Claim 6, wherein said controller determines said relative proportion so as to use a minimum amount of fluid from said second reservoir.

Claim 9 (Withdrawn)

Claim 10 (Withdrawn)